Claims

1. An automated multi-function desk for use in a offices in order to evaluate documents parameters, comprising
a device for weighing the documents
a processor for elaborate the documents parameters
means for keeping said documents parameters available for further uses characterized on that it also comprise
means for evaluating dimensions of the documents and
means for reading information contained on the external surface of the documents
means of performing said reading operation without movable parts.
2. An automated multi-function desk for use in a offices as claimed in Claim 1, wherein said means for keeping said documents parameters available for further uses comprises a device for capturing an image for each item side.
3. An automated multi-function desk for use in a public offices as claimed in Claim 1 or 2, wherein said means for evaluating dimensions of the document comprises a device for capturing an image in transparency.
4. A device as claimed in claim 1 further comprising a weighing system transparent to light and to electromagnetic wave.
5. A device as claimed in claim 1 where the weighing system and the image acquisition device is included in the furniture top.
6. A device as claimed in claim 1 where the weighing system and the image acquisition device is part of the furniture top.
7. A device as claimed in claim 1 where the weighing element has internal interferential mechanical stopper.
8. A device as claimed in claim 1 where the light system is regulated by the image acquisition device .
9. A device as claimed in claim 1 where the weight signal is transferred and memorized inside printer without passing through the processor.
10. A device as claimed in claim 1 where the weighing plate is transparent to light.
11. A device as claimed in claim 1 able to acquire two side image of an object without tilting the object.
12. A device as claimed in claim 1 able to acquire images without flattening documents.
13. A device as claimed in claim 1 having at least a curved element bending the label.
14. A device as claimed in claim 13 where the bent elements is a roll.
15. A device as claimed in claim 13 where the bent elements is a printing head.
16. A device for use in offices, comprising a processor electrically coupled to: a weighing device specifying the weighing of an object placed thereon; an image capturing device of an object placed thereon; a label printing device printing label having the weighing device transferring

values directly to printers using a dedicated electrical wire.

17. A device as claimed in claim 16 further comprising a weighing system transparent to light and to electromagnetic wave.

18. A device as claimed in claim 16 where the weighing system and the image acquisition device is included in the furniture top.

19. A device as claimed in claim 16 where the weighing system and the image acquisition device is part of the furniture top.

20. A device as claimed in claim 16 where the weighing element has internal interferential mechanical stopper.

21. A device as claimed in claim 16 where the light system is regulated by the image acquisition device .

22. A device as claimed in claim 16 where the weight signal is transferred and memorized inside printer without passing through the processor.

23. A device as claimed in claim 16 where the weighing plate is transparent to light.

24. An integrated multi-function device according to claim 16 able to acquire transparency images of documents and banknotes.

25. A device as claimed in claim 16 where the weighing plate is transparent to electromagnetic field.

26. A device as claimed in claim 16 where the weighing plate is transparent to ultraviolet light.

27. A device as claimed in claim 16 where the weighing plate is transparent to infrared light.

28. A device as claimed in claim 16 using at least two image capture systems to acquire both documents faces without tilting the document.

29. A device as claimed in claim 16 able to acquire two side image of an object without tilting the object.

30. A device as claimed in claim 16 able to acquire images without flattening documents.

31. A device as claimed in claim 16 having at least a curved element bending the label.

32. A device as claimed in claim 32 where the bent elements is a roll.

33. A device as claimed in claim 32 where the bent elements is a printing head.

34. A device for automatically accepting and capturing a document, comprising: an acceptance surface for accepting the item of mail; a variable light system to enlighten both surfaces of the documents, a measuring system to measure physical properties of the document and forwarding physical properties data to the controller; two electronic cameras connected to the controller and positioned above and below the transparent acceptance surface; a display positioned near the acceptance surface for displaying both surface images of the item of mail recorded by the electronic

cameras; and at least a printer connected to the controller for printing, marks, label receipts.

35. A device as claimed in claim 35, further comprising: an acceptance surface balance upon which the document may be placed for weighing the item while acquiring images.

36. A device as claimed in claim 35, further comprising: an light, UV, IR or similar high visible spot measuring device enlightening top side of the documents for measuring a height of the document.

37. A method of facilitate office services in a public office reducing the intervention of the employee, comprising providing an automated multi-function desk device operable by a worker to: (a) specify the characteristics of a document; (b) weight a document; (c) capture an image of documents; (d) process the image and extract information; (e) perform calculation and point out errors; (f) accept payment of a transaction document in respect of the document transaction; and (g) dispense a printed indication of the transaction

the operations having the characteristics for the documents to be laid down on the acceptance surface and left immovable during the transaction.